

A3
Cont
[Amend claim 13 as follows:]

13. (amended) An AC type plasma display panel as claimed in claim 12, wherein a ratio of a total area of said openings formed in said second area to a sum of an area of said second electrode and the total area of said openings is in a range from 10% to 70%.

Charge the fee of \$252 for the three independent claims added herewith to deposit account No. 25-0120.

REMARKS

The title has been amended in response to the criticism in the Official Action.

The indication that claims 2-3 and 5-12 include allowable subject matter is acknowledged with thanks. In reliance thereon, claims 2, 3, 7, 8, 9 and 12 have been amended into independent form. Claims 1 and 4 have been cancelled to place the application in condition for allowance.

The dependency of claim 13 has been amended in response to the rejection under §112, second paragraph.

In view of the present amendment, it is believed that the present application has been placed in condition for allowance. Reconsideration and allowance are respectfully requested.

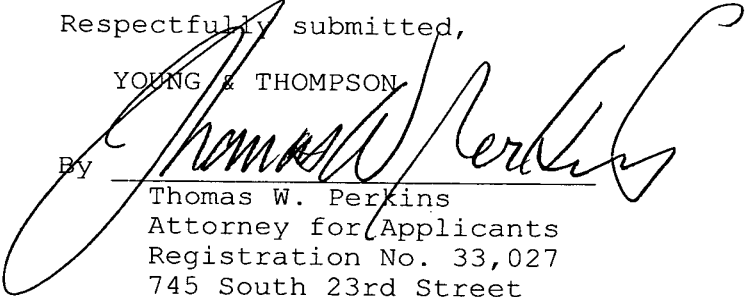
OKIGAWA et al. S.N. 09/888,394

Attached hereto is a marked-up version of the changes made to the title and claims. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

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By



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title has been changed to PLASMA DISPLAY PANEL WITH A MESH ELECTRODE HAVING PLURAL OPENINGS.

IN THE CLAIMS:

Claim 2 has been amended as follows:

2. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:

a first substrate having first electrodes and a dielectric layer covering said first electrodes;

a second substrate arranged in an opposed relation to said first substrate to form a discharge space therebetween;

discharge gas filled in said discharge space;

second electrodes formed on said second substrate, each said second electrode having a plurality of openings each having a size included by a rectangular area having length of one of two sides thereof in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m; and

a dielectric layer covering said second electrodes

wherein each said opening has a width in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m and has a strip-shaped configuration.

Claim 3 has been amended as follows:

3. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:
a first substrate having first electrodes and a
dielectric layer covering said first electrodes;
a second substrate arranged in an opposed relation to
said first substrate to form a discharge space therebetween;
discharge gas filled in said discharge space;
second electrodes formed on said second substrate, each
said second electrode having a plurality of openings each having
a size included by a rectangular area having length of one of two
sides thereof in a range from a value equal to or larger than 5 μ m
to a value smaller than 30 μ m; and
a dielectric layer covering said second electrodes
wherein each said opening has a configuration including
a combination of a plurality of openings having different
configurations.

Claim 7 has been amended as follows:

7. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:
a first substrate having first electrodes and a
dielectric layer covering said first electrodes;
a second substrate arranged in an opposed relation to
said first substrate to form a discharge space therebetween;

discharge gas filled in said discharge space;

second electrodes formed on said second substrate, each said second electrode having a plurality of openings each having a size included by a rectangular area having length of one of two sides thereof in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m; and

a dielectric layer covering said second electrodes

wherein each said second electrode includes a pair of parallel electrodes to generate a surface-discharge, each said parallel electrode pair is constructed by a first area along a discharge gap formed between said pair of parallel electrodes and a second area other than said first area, said first area is 25 ~ 100 μ m wide and said openings are formed in only said second area.

Claim 8 has been amended as follows:

8. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:

a first substrate having first electrodes and a dielectric layer covering said first electrodes;

a second substrate arranged in an opposed relation to said first substrate to form a discharge space therebetween;

discharge gas filled in said discharge space;

second electrodes formed on said second substrate, each said second electrode having a plurality of openings each having a size included by a rectangular area having length of one of two

sides thereof in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m; and

a dielectric layer covering said second electrodes

wherein each said second electrode includes a pair of parallel electrodes to generate a surface-discharge, each said parallel electrode pair is constructed by a first area along a discharge gap formed between said pair of parallel electrodes and a second area other than said first area and a ratio of a total area of said openings formed in said first area to an area of said first area is smaller than a ratio of a total area of said openings formed in said second area to an area of said second area.

Claim 9 has been amended as follows:

9. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:

a first substrate having first electrodes and a dielectric layer covering said first electrodes;

a second substrate arranged in an opposed relation to said first substrate to form a discharge space therebetween;

discharge gas filled in said discharge space;

second electrodes formed on said second substrate, each said second electrode having a plurality of openings each having a size included by a rectangular area having length of one of two

sides thereof in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m; and

a dielectric layer covering said second electrodes

wherein each said second electrode includes a pair of parallel electrodes to generate a surface-discharge, each said second electrode is constructed with a plurality of strip-shaped areas and the smaller the ratio of a total area of said openings formed in said strip-shaped area to an area of said strip-shaped area is the closer the strip-shaped area to the discharge gap.

Claim 12 has been amended as follows:

12. (amended) [An AC type plasma display panel as claimed in claim 1,] An AC type plasma display panel comprising:

a first substrate having first electrodes and a dielectric layer covering said first electrodes;

a second substrate arranged in an opposed relation to said first substrate to form a discharge space therebetween;

discharge gas filled in said discharge space;

second electrodes formed on said second substrate, each said second electrode having a plurality of openings each having a size included by a rectangular area having length of one of two sides thereof in a range from a value equal to or larger than 5 μ m to a value smaller than 30 μ m; and

a dielectric layer covering said second electrodes

wherein each said second electrode includes a pair of parallel electrodes to generate a surface-discharge, each said parallel electrode pair is constructed by a first area along a discharge gap and a second area other than said first area, said openings are arranged in said first area in a row direction and said openings are arranged in said second area in a line direction.

Claim 13 has been amended as follows:

13. (amended) An AC type plasma display panel as claimed in claim [1] 12, wherein a ratio of a total area of said openings formed in said second area to a sum of an area of said second electrode and the total area of said openings is in a range from 10% to 70%.